



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	:	PATENT APPLICATION
SIMION COCA ET AL.	:	Customer No. 24959
Serial No. 10/697,413	:	Confirmation No. 7236
Filed: October 30, 2003	:	Group Art Unit 1713
For: ALTERNATING COPOLYMERS OF ISOBUTYLENE TYPE MONOMERS	:	Attorney Docket No: 1731D1

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The documents listed on the attached Form PTO-1449 are brought to the attention of the United States Patent and Trademark Office with respect to the application identified above in accordance with the provisions of 37 CFR §1.56.

This application is a division of, and claims priority to, U. S. Patent Application Serial Number 10/076,984, filed February 15, 2002. Accordingly, pursuant to 37 CFR §1.98 (d), a copy of the patents and publications previously provided to the USPTO and listed in the Information Disclosure Statement are not provided herewith. Additionally, copies of references cited by the Examiner are not enclosed as all were U.S. patent documents.

Pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed to be due with the submission of this Information Disclosure Statement, as it is being submitted before the mailing date of a first Office Action on the merits.

Respectfully submitted,

William J. Uhl

William J. Uhl
Registration No. 25,567
Attorney of Record
Telephone: (412) 434-2881
Facsimile: (412) 434-4292

Pittsburgh, Pennsylvania
June 15, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on June 15, 2004
Date

Marion G. Eastman
Signature

Marion G. Eastman
Typed or Printed Name of Person Signing Certificate



LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Atty. Docket No. 1731D1	Serial No. 10/697,413
	Applicant Simion Coca et al.	
	Filing Date October 30, 2003	Group 1713

U.S. PATENT DOCUMENTS

Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
AA	6,281,272	08/2001	Baldy et al.	523	501	
AB	6,197,883	03/2001	Schimmel et al.	525	111	
AC	6,114,489	09/2000	Vicari et al.	528	84	
AD	6,111,001	08/2000	Barancyk et al.	524	211	
AE	5,989,642	11/1999	Singer et al.	427	407.1	
AF	5,976,701	11/1999	Barancyk et al.	428	423.1	
AG	5,807,937	09/1998	Matyjaszewski et al.	526	135	
AH	5,777,061	07/1998	Yonek et al.	528	45	
AI	5,710,214	01/1998	Chou et al.	525	124	
AJ	5,663,240	09/1997	Simeone et al.	525	327.3	
AK	5,554,692	09/1996	Ross	525	124	
AL	5,552,487	09/1996	Clark et al.	525	131	

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subclass	Translation Yes	No
AM	WO 00/75791	12/2000	WIPO	G06F	13/16	
AN	WO 94/10212	05/1994	WIPO	C08F	8/30	

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	Greenley, "Q and e Values for Free Radical Copolymerizations of Vinyl Monomers and Telogens," <u>Polymer Handbook</u> , Fourth Edition, John Wiley & Sons, Inc., pp. 309-319, 1999.
AP	Odian, "Chain Copolymerization," <u>Principles of Polymerization</u> , Third Edition, John Wiley & Sons, Inc., pp. 452-491, 1991.
AQ	Cowie, <u>Alternating Copolymers</u> , Plenum Press, pp. 1-137, 1985.
AR	Rzaev et al., "Complex-Radical Copolymerization of 2,4,4-trimethylpentene-1 with Maleic Anhydride," <u>Eur. Polym. J.</u> , Vol. 34, No. 7, pp. 981-985, 1998.
AS	Mashita et al., "Alternating Copolymerization of Isobutylene and Acrylic Ester with Alkylboron Halide," <u>Polymer</u> , Vol. 36, No. 15, pp. 2973-2982, 1995.
AT	Mashita et al., "Alternating Copolymers of Isobutylene and Acrylic Ester by Complexed Copolymerization," <u>Polymer</u> , Vol 36, No. 15, pp. 2983-2988, 1995.
AU	Kuntz et al., "Poly[2,2-Dimethyl-4-(methoxycarbonyl)butylene]: Synthesis with an Ethylaluminum Sesquichloride-Peroxide Initiator and NMR Characterization," <u>J. of Polymer Science: Polymer Chemistry Edition</u> , Vol. 16, pp. 1747-1753, 1978.

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	Atty. Docket No. 1731D1	Serial No. 10/697,413
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant Simion Coca et al.	
	Filing Date October 30, 2003	Group 1713

U.S. PATENT DOCUMENTS

Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	5,510,444	04/1996	Halpaap et al.	528	45	
	AB	5,508,337	04/1996	Wamprecht et al.	524	507	
	AC	5,439,896	08/1995	Ito et al.	525	107	
	AD	5,407,707	04/1995	Simeone et al.	427	410	
	AE	5,356,973	10/1994	Taljan et al.	524	314	
	AF	5,229,458	07/1993	Schimmel et al.	525	108	
	AG	5,214,101	05/1993	Pettit, Jr. et al.	525	176	
	AH	5,202,382	04/1993	Pettit, Jr.	525	108	
	AI	5,098,955	03/1992	Pettit, Jr.	525	194	
	AJ	5,098,947	03/1992	Metzger et al.	524	507	
	AK	5,084,541	01/1992	Jacobs, III et al.	528	45	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AL	WO 97/30131	08/1997	WIPO	C09D	201/00		
	AM	EP 0 982 337	03/2000	Europe	C08G	63/00		
	AN	WO 00/26308	05/2000	WIPO	C09D	17/00		

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	Hirooka et al., "Complexed Copolymerization of Vinyl Compounds with Alkylaluminum Halides," <u>Journal of Polymer Science: Polymer Chemistry Edition</u> , Vol. 11, pp. 1281-1306, 1973.
	AP	ASTM D-1200 - 94, "Standard Test Method for Viscosity by Ford Viscosity Cup," <u>Amer. Soc. Test. Mat.</u> , pp. 103-105, 1994.
	AQ	ASTM D-2369 - 92, "Standard Test Method for Volatile Content of Coatings," <u>Amer. Soc. Test. Mat.</u> , pp. 46-48, 1992.
	AR	ASTM D-3359 - 97, "Standard Test Methods for Measuring Adhesion by Tape Test," <u>Amer. Soc. Test. Mat.</u> , pp. 1-7, 1998.
	AS	ASTM D-4370 - 84, "Standard Test Methods for Acid and Base Milliequivalent Content of Electrocoat Bath," <u>Amer. Soc. Test. Mat.</u> , pp. 780-782, 1984.
	AT	"Reference Method 24: Determination of Volatile Matter Content, Water Content, Density, Volume Solids, and Weight Solids of Surface Coatings," <u>Federal Register</u> , EPA Reference Methods 24 and 24 A, Vol. 57, No. 133, pp. 125-127, 1992.

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	Atty. Docket No. 1731D1	Serial No. 10/697,413
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant Simion Coca et al.	
	Filing Date October 30, 2003	Group 1713

U.S. PATENT DOCUMENTS

Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	5,071,904	12/1991	Martin et al.	524	458	
	AB	4,997,900	03/1991	Brinkman	528	45	
	AC	4,937,288	06/1990	Pettit, Jr. et al.	525	176	
	AD	4,889,890	12/1989	Kerr et al.	525	113	
	AE	4,798,746	01/1989	Claar et al.	427	407.1	
	AF	4,732,790	03/1988	Blackburn et al.	427	407.1	
	AG	4,681,811	07/1987	Simpson et al.	428	413	
	AH	4,403,003	09/1983	Backhouse	427	407.1	
	AI	4,220,679	09/1980	Backhouse	427	401	
	AJ	4,147,688	04/1979	Makhlouf et al.	260	33.6 EP	
	AK	4,147,679	04/1979	Scriven et al.	260	29.2 TN	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AL	EP 0 594 071	04/1994	Europe	C09D	201/02		
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	White et al. US 2003/0018151 A1; 1-23-03
	AS	Coca et al. US 2003/0171497 A1; 9-11-03
	AT	Martin et al US 2003/0187145 A1; 10-2-03

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

	Atty. Docket No. 1731D1	Serial No. 10/697,413
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant Simion Coca et al.	
	Filing Date October 30, 2003	Group 1713

U.S. PATENT DOCUMENTS

Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	4,139,480	2/1979	Gardiner et al.	252	51.5 A	
	AB	3,984,299	10/1976	Jerabek	204	181	
	AC	3,957,732	5/1976	Hirooka et al.	526	90	
	AD	3,947,338	03/1976	Jerabek et al.	204	181	
	AE	3,919,180	11/1975	Furukawa et al.	260	80.7	
	AF	3,856,685	12/1974	Mori et al.	252	56 R	
	AG	2,531,196	11/1950	Brubaker et al.	260	85.5	
	AH	2,411,599	11/1946	Sparks et al.	204	162	
	AI	2,378,629	06/1945	Hanford	260	78	
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AL							
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	
	AT	

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.